



RECEIVED

DEC 23 2002

TECHNOLOGY CENTER R3700

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: AlliedSignal Inc.

Application No./Patent No.: 08/747,471 Filed/Issue Date: November 12, 1996

Entitled: BARRIER UNITS AND ARTICLES MADE THEREFROM

AlliedSignal Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8434, Frame 0269, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12/12/02  
Date

Virginia Szigeti (Andrews)  
Reg. No. 29,039  
Typed or printed name  
Virginia Szigeti  
Signature  
Assistant General Counsel  
Intellectual Property  
Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## ASSIGNMENT

Assignment before issue of Letters Patent

Allied File 30-3744CIP2

WHEREAS, IGOR PALLEY, resident of 18 Dean Street, Madison, NJ 07940; GARY ALLAN HARPELL, resident of 19 Elder Drive, Morristown, NJ 07960, MAX WILHELM GERLACH, resident of 8 Maude Lane, Hackettstown, NJ 07840, respectively,

(hereinafter "Assignor") have invented certain new and useful improvements in

### **BARRIER UNITS AND ARTICLES MADE THEREFORM**

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, AlliedSignal Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of January, 19 97

Igor Palley  
IGOR PALLEY

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31<sup>st</sup> day of January, 19 97

Gary Allan Harpell  
GARY ALLAN HARPELL

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of January, 19 97

Max Wilhelm Gerlach  
MAX WILHELM GERLACH

STATE OF New Jersey )  
COUNTY OF Morris ) SS.:

On this 31<sup>st</sup> day of January, 19 97 before me personally appeared  
IGOR PALLEY

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

Marcella Daboul  
Notary Public  
My commission expires: MARCELLA DABOUL  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 22, 1999

STATE OF New Jersey )  
COUNTY OF Morris ) SS.:

On this 31<sup>st</sup> day of January, 19 97 before me personally appeared  
GARY ALLAN HARPELL

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

Marcella Daboul  
Notary Public  
My commission expires: MARCELLA DABOUL  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 22, 1999

STATE OF New Jersey )  
COUNTY OF Morris ) SS.:

On this 31<sup>st</sup> day of January, 19 97 before me personally appeared  
MAX WILHELM GERLACH

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

Marcella Daboul  
Notary Public  
My commission expires: MARCELLA DABOUL  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 22, 1999

Assignment

IGOR PALLEY, GARY ALLAN  
HARPELL, and MAX WILHELM  
GERLACH

TO  
ALLIEDSIGNAL INC.

INVENTION:

BARRIER UNITS AND ARTICLES  
MADE THEREFROM

AlliedSignal File: 30-3744CIP2

AlliedSignal Inc.  
Renee J. Rymarz  
P.O. Box 31  
Petersburg, VA 23804



RECEIVED

DEC 23 2002

TECHNOLOGY CENTER R3700



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 22, 1997

PTAS

ALLIEDSIGNAL INC.  
MELANIE L. BROWN  
15801 WOODS EDGE ROAD  
COLONIAL HEIGHTS, VA 23831



\*100392071A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/1997

REEL/FRAME: 8434/0269  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PALLEY, IGOR

DOC DATE: 01/31/1997

ASSIGNOR:  
HARPELL, GARY ALLAN

DOC DATE: 01/31/1997

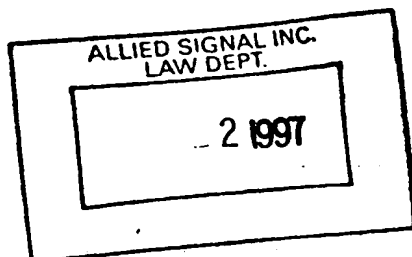
ASSIGNOR:  
GERLACH, MAX WILHELM

DOC DATE: 01/31/1997

ASSIGNEE:  
ALLIEDSIGNAL INC.  
P.O. BOX 2245  
MORRISTOWN, NEW JERSEY 07962

SERIAL NUMBER: 08747471  
PATENT NUMBER:

FILING DATE: 11/12/1996  
ISSUE DATE:



8434/0269 PAGE 2

SHARMALLA SIMPSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS